



FORM PTO 449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY DOCKET NO.: 0281-0181	SERIAL NO.: 10/002,487
	APPLICANT(S): Browning	
	FILING DATE: November 2, 2001	GROUP: 3732

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
RD	AA	2,350,178	05/30/1944	Martin			
RD	AB	2,418,664	04/08/1947	Ramsey			
RD	AC	3,533,417	10/13/1970	Bartoszewicz et al.			
RD	AD	3,672,375	06/27/1972	Kalopissis et al.			
RD	AE	3,910,289	10/07/1975	Wajaroff et al.			
RD	AF	3,971,391	07/27/1976	Bore et al.			
RD	AG	3,973,574	08/10/1976	Minagawa, deceased et al.			
RD	AH	3,996,146	12/07/1976	Tarasov et al.			
RD	AI	4,134,411	01/16/1979	Yamazaki			
RD	AJ	4,240,450	12/23/1980	Grollier et al.			
RD	AK	4,275,748	06/30/1981	Graziano			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
RD	AL	1 603 321	25.11.1981	European				
RD	AM	1 603 322	25.11.1981	European				
RD	AN	1 603 323	25.11.1981	European				
RD	AO	1 603 324	25.11.1981	European				
RD	AP	0 083 095 A2	06.07.1983	European				
RD	AQ	0 167 866 A2	15.01.1986	European				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER Robyn Doan	DATE CONSIDERED 6/3/04
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FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO.: 0281-0181		SERIAL NO.: 10/002,487	
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE	
RJ	BA	4,313,933	02/02/1982	Yamazaki	—	—	
RJ	BB	4,349,537	09/14/1982	Forbriger, Jr.	—	—	
RJ	BC	4,361,157	11/30/1982	James	—	—	
RJ	BD	4,524,787	06/25/1985	Khalil et al.	—	—	
RJ	BE	4,630,621	12/23/1986	Pontani	—	—	
RJ	BF	4,770,872	09/13/1988	Hsiung et al.	—	—	
RJ	BG	4,770,873	09/13/1988	Wolfram et al.	—	—	
RJ	BH	4,781,724	11/01/1988	Wajaroff et al.	—	—	
RJ	BI	4,828,750	05/09/1989	Simion et al.	—	—	
RJ	BJ	4,844,886	07/04/1989	Hartmann et al.	—	—	
RJ	BK	4,855,130	08/08/1989	Konrad et al.	—	—	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
RJ	BL 0 190 834 A2	13.08.1986	European	—	—		
RJ	BM 0 256 462 A2	24.02.1988	European	—	—		
RJ	BN 0 257 256 A2	02.03.1988	European	—	—		
RJ	BO 0 260 716 A1	23.03.1988	European	—	—		
RJ	BP 0 328 816 A2	23.08.1989	European	—	—		
RJ	BQ 2 066 864 A	15.07.1981	Great Britain	—	—		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
	BR	
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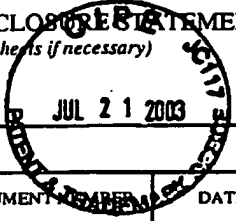
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	CA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
RD	CA	4,950,485	08/21/1990	Akhtar et al.	—	—	
RD	CB	4,982,749	01/08/1991	Baker et al.	—	—	
RD	CC	5,002,761	03/26/1991	Mueller et al.	—	—	
RD	CD	5,068,101	11/26/1991	Akhtar et al.	—	—	
RD	CE	5,148,822	09/22/1992	Akhtar	—	—	
RD	CF	5,161,553	11/10/1992	Cohen et al.	—	—	
RD	CG	5,679,327	10/21/1997	Darkwa et al.	—	—	
	CH						
	CI						
	CJ						
	CK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
RD	CL	2 068 031 A	05.08.1981	Great Britain	—	—	
RD	CM	2 086 443 A	12.05.1982	Great Britain	—	—	
RD	CN	2 090 303 A	07.07.1982	Great Britain	—	—	
RD	CO	2 109 832 A	08.06.1983	Great Britain	—	—	
RD	CP	2 114 616 A	24.08.1983	Great Britain	—	—	
RD	CQ	2 141 454 A	19.12.1984	Great Britain	—	—	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
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Robyn Doan				6/03/04			

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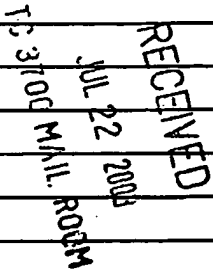
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	DA						
	DB						
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	DK						

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
RD	DL	WO 86/01403	13.03.1986	PCT			
RD	DM	WO 88/00186	14.01.1988	PCT			
RD	DN	WO 88/00464	28.01.1988	PCT			
RD	DO	WO 88/02997	05.05.1988	PCT			
RD	DP	2-76807	16.03.1990	Japan			
	DQ						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
	DR	
	DS	
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EXAMINER Robyn Doan	DATE CONSIDERED 6/09/04
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